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(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(54) Title: MEDIATOR-BASED RECOVERY MECHANISM FOR MULTI-AGENT SYSTEM
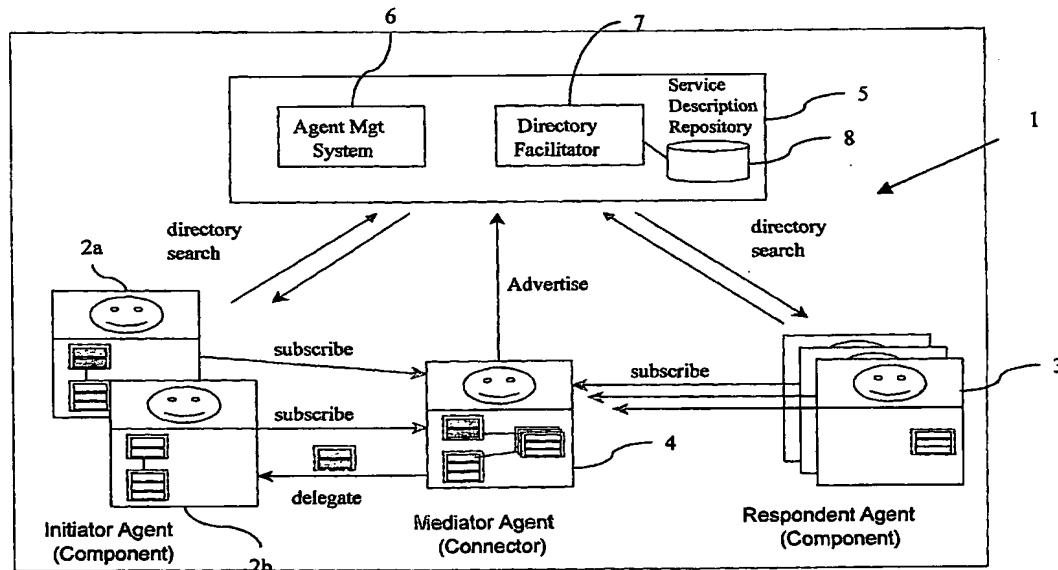
(57) Abstract: A method of recovering the status of a collaboration between a plurality of component agents in a multi-agent systems architecture, the method comprising: processing collaboration information forwarded by a mediator agent for each component agent; maintaining a collaboration processing status information record derived from the collaboration information provided by each collaborating agent to the mediator agent; and in the event that a device which affects the collaboration suffers an event which causes one or more component agents to lose its collaboration status, recovering the collaboration status using one or more of said collaboration processing status information records.

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